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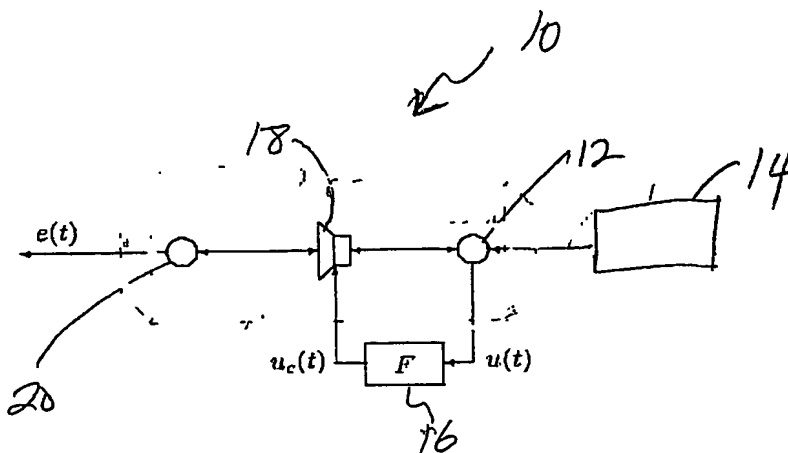
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(54) Title: ACTIVE NOISE CONTROL METHOD AND APPARATUS INCLUDING FEEDFORWARD AND FEEDBACK CONTROLLERS



(57) Abstract: An active noise control apparatus for reducing noise from a noise source includes a microphone for detecting noise produced by the noise source, and a generalized finite impulse response (FIR) filter for receiving noise signals of the detected noise from the microphone and generating control signals for reducing the noise from the noise source. A speaker produces sound based on the control signals from the generalized FIR filter for substantially canceling the noise from the noise source.